

CLAIMS

What is claimed is:

1. A method of establishing a third party call comprising:
responsive to a telephone call initiated by a third party to a directory number of a
called party, first determining that said called party is engaged in an existing telephone
call with one or more other parties;
processing said telephone call in a telephony application, said telephony
application determining whether said third party has authority to join said existing
telephone call with said called party; and
if so, connecting said third party with said existing telephone call.
2. The method of claim 1, wherein said processing step further comprises:
receiving a password from said third party; and
determining whether said third party is an authorized party using at least said
password.
3. The method of claim 1, wherein said processing step further comprises:
identifying caller identification information associated with said third party;
comparing said caller identification information with a list of authorized callers;
and
determining whether said third party is an authorized party.
4. The method of claim 1, wherein said connecting step further comprises:
connecting said call only if said directory number of said called party has been
registered to receive calls initiated from authorized remote third party callers when
engaged in an existing telephone call.
5. The method of claim 1, wherein said connecting step comprises:
establishing a communications link between said third party and said called party

exclusive of said other parties involved in said existing telephone call.

6. A method of establishing a third party call comprising:
receiving a telephone call from said third party to an access directory number;
receiving a directory number from said third party, wherein said directory number
is associated with a called party;
processing said telephone call in a telephony application, said telephony
application determining that said called party is engaged in an existing telephone call
with one or more other parties, and determining whether said third party has authority to
join said existing telephone call with said called party; and
if so, connecting said third party with said existing telephone call.

7. The method of claim 6, wherein said processing step further comprises:
prompting said third party for a password;
receiving said password from said third party; and
determining whether said third party is an authorized party using at least said
password.

8. The method of claim 6, wherein said processing step further comprises:
identifying caller identification information associated with said third party;
comparing said caller identification information with a list of authorized callers;
and
determining whether said third party is an authorized party.

9. The method of claim 6, wherein said connecting step further comprises:
connecting said call only if said directory number of said called party has been
registered to receive calls initiated from authorized remote third party callers when
engaged in an existing telephone call.

1 10. The method of claim 6, wherein said connecting step comprises:
2 establishing a communications link between said third party and said called party
3 exclusive of said other parties involved in said existing telephone call.

1 11. An IP node having a telephony application configured to first determine that a
2 called party is engaged in an existing telephone call with one or more other parties
3 responsive to a telephone call initiated by a third party to a directory number of said
4 called party; to process said telephone call in said telephony application, wherein said
5 telephony application determines whether said third party has authority to join said
6 existing telephone call with said called party; and if so, to connect said third party with
7 said existing telephone call.

1 12. An IP node having a telephony application configured to receive a telephone call
2 from a third party to an access directory number; to receive a directory number from
3 said third party, wherein said directory number is associated with a called party;
4 to process said telephone call in said telephony application, wherein said telephony
5 application determines that said called party is engaged in an existing telephone call
6 with one or more other parties and to determine whether said third party has authority to
7 join said existing telephone call with said called party; and if so, to connect said third
8 party with said existing telephone call.

1 13. A machine-readable storage, having stored thereon a computer program having
2 a plurality of code sections executable by a machine for causing the machine to
3 perform the steps of:

4 responsive to a telephone call initiated by a third party to a directory number of a
5 called party, first determining that said called party is engaged in an existing telephone
6 call with one or more other parties;

7 processing said telephone call in a telephony application, said telephony
8 application determining whether said third party has authority to join said existing

9 telephone call with said called party; and

10 if so, connecting said third party with said existing telephone call.

1 14. The machine-readable storage of claim 13, wherein said processing step further
2 comprises:

3 receiving a password from said third party; and

4 determining whether said third party is an authorized party using at least said
5 password.

1 15. The machine-readable storage of claim 13, wherein said processing step further
2 comprises:

3 identifying caller identification information associated with said third party;

4 comparing said caller identification information with a list of authorized callers;

5 and

6 determining whether said third party is an authorized party.

1 16. The machine-readable storage of claim 13, wherein said connecting step further
2 comprises:

3 connecting said call only if said directory number of said called party has been
4 registered to receive calls initiated from authorized remote third party callers when
5 engaged in an existing telephone call.

1 17. The machine-readable storage of claim 13, wherein said connecting step
2 comprises:

3 establishing a communications link between said third party and said called party
4 exclusive of said other parties involved in said existing telephone call.

1 18. A machine-readable storage, having stored thereon a computer program having
2 a plurality of code sections executable by a machine for causing the machine to

perform the steps of:

receiving a telephone call from said third party to an access directory number;
receiving a directory number from said third party, wherein said directory number
is associated with a called party;
processing said telephone call in a telephony application, said telephony
application determining that said called party is engaged in an existing telephone call
with one or more other parties, and determining whether said third party has authority to
join said existing telephone call with said called party; and
if so, connecting said third party with said existing telephone call.

19. The machine-readable storage of claim 18, wherein said processing step further
comprises:

prompting said third party for a password;
receiving said password from said third party; and
determining whether said third party is an authorized party using at least said
password.

20. The machine-readable storage of claim 18, wherein said processing step further
comprises:

identifying caller identification information associated with said third party;
comparing said caller identification information with a list of authorized callers;
and
determining whether said third party is an authorized party.

21. The machine-readable storage of claim 18, wherein said connecting step further
comprises:

connecting said call only if said directory number of said called party has been
registered to receive calls initiated from authorized remote third party callers when
engaged in an existing telephone call.

- 1 22. The machine-readable storage of claim 18, wherein said connecting step
- 2 comprises:
- 3 establishing a communications link between said third party and said called party
- 4 exclusive of said other parties involved in said existing telephone call.

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